

PRODUCT BULLETIN
GYPSUM PRODUCTS

GYPSUM WALLBOARD
5/8" NULL-A-FIRE (UL)
TYPE X

BULLETIN NO: B-6
DATE: 10/9/64
PAGE: 1 of 3
CANCELS: B-6
DATE: 3/9/64

PRODUCING PLANTS

Long Beach, Antioch, Seattle, Rosario, and Jacksonville

<u>Core Formula (Lbs/MSF)</u>		<u>ALL PLANTS (Except as Noted)</u>	<u>ANTIOCH</u>
Board Stucco	(S-1 and S-2) (Rosario and Jacksonville)	1800 - 2050 1850 - 2075)	1750 - 2050
Glass Fiber	(B-G-1)	6.0 - 6.5	6.0 - 6.5
Paper Fiber	(B-G-1)	0 - 12.0	None
Starch	(RM-B-11)	9.0 - 12.5	9.0 - 15.0
Perlite Null-A-Fire (cf/M)	(B-G-1)	0 - 7.0	0 - 7.0
Soap	(B-G-1) (Rosario -	0.3 - 1.5 0.6 - 2.0)	2.0 - 3.5
Lignin	(B-G-1)	0 - 4.0	0 - 4.0
Ground Gypsum	(B-G-1) (Rosario -	60.0 maximum None)	130.0 maximum
Rehydrated Gypsum	(B-G-1)	0 - 24	None
Potassium Sulfate	(B-G-1)	2.0 maximum	2.0 maximum
Retarder (Rosario only)	(B-G-1)	0.75 maximum	---
Hydrated Lime	(RM-P-3)	0 - 1.13	0 - 1.13

Note 1. Formula shall conform to U.L. Code No. 3543.

Note 2. At Antioch, Hercules soap is preferred. Ultrawet usage range - 0.2 - 0.6.

Paper Liners

1. Manila and greyback paper.

2. For 5/8" x 24" face board for Moveable Partitions, use the following width paper:

Manila - 27 inches
Greyback - 23-1/4 inches

703-93
9-E-6
Pocket/
Folder

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OPERATING SPECIFICATIONS: (Refer to Product Bulletin B-G-2 for General Specifications)

ALL PLANTS

Slurry Slump	4-1/2 - 7
Slurry Setting Time, minutes	2 - 4-3/4
Wet Slurry Weight (lbs/c.f.)	70 - 80
Wet Compressive Strength, psi	250 - 400

Moisture content at the Take-off shall be maintained at 18 to 23% average (Antioch).

ANTIOCH - Note: Full width slurry spreader bar shall be mounted to vibrating section of the machine table and adjusted to completely spread and level slurry across full width of sheet.

PRODUCT SPECIFICATIONS: (Refer to Product Bulletin B-G-4 for General Specifications)

ALL PLANTS

Wet Weight (lbs/MSF)	3400 - 3700
Dry Weight (lbs/MSF)	2300 - 2550 Average 2375
Evaporation Loss (lbs/MSF)	1100 - 1400
Thickness - Average (inch)	.605 - .640
Thickness - Individual reading (inch)	+ .010 from avg.

Profile - Moveable Partition board. Variations in surface of back plane shall not be greater than 0.005" within a 6" span measured across the width.

Edges - Moveable Partition board	Bevel Edge
Edge Hardness at Take-off (lbs.)	8.0 minimum
End Peel after Sawing (inch)	1/8 maximum

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PRODUCT SPECIFICATIONS (Cont'd.)

ALL PLANTS

Flexural Strength, minimum

Across grain (lbs.)

180

Parallel (lbs.)

62

Deflection at Break, minimum

Across grain (inch)

0.25

Parallel (inch)

0.15

Punch Test, lbs.

1100 - 1500

1000 - 1350 (Antioch)

Modulus of Rupture

260 maximum

Twist Test, maximum split

Face (inch)

3.4

Back (inch)

3/4

Hammer Loss Test, decigrams

Individual Test, maximum

5.0

Bond at High Humidity, maximum peel

Face (inch)

1/2

Back (inch)

1/2

Face printing shall read - 5/8" NULL-A-FIRE TYPE X

X 5/8" NULL-A-FIRE TYPE X